IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,230,228 Docket No: 10010940-01 Issue Date: June 12, 2007 Patentee: Thomas Stone. Title

Tunable Temporal Dispersion and Compensated Angular Dispersion in

Optical Switching Systems

REQUEST FOR CERTIFICATION OF CORRECTION UNDER 35 U.S.C. 255

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Office of Patent Publication ATTN: Certificate of Correction Branch

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 37 C.F.R. 1.20(a), the examiner is authorized to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. 503718

Issuance of the Certificate of Correction would correct a typographical error but neither expand nor contract the scope of the claims as properly allowed. Re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No. 503718

Please direct all correspondence to: Avago Technologies Limited 4380 Ziegler Road, MS: 76

Fort Collins, CO 80525

Respectfully submitted,

Date: May 13, 2008

Scott Weitzel Reg. No.: 54,534 Approved for use through 08/31/2010. OMB 0651-0033

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,2	230,228	-aye	_ 01	
APPLICATION NO.: 10.	0/717,414			
ISSUE DATE : Jui	une 12, 2007			
INVENTOR(S) : Th	nomas Stone			
It is certified that is hereby corrected a	at an error appears or errors appear in the above-identified patent and the as shown below:	ıt said Let	ers Pa	tent
In Claim 1, delete "s insert subsequen				
In Claim 6, delete "c insert output, t				

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CPR. 1.322, 1.323, and 1.324. The information is required to obbin or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by \$5 U.S.C. 122 and \$7 CPR.1.14. This collection is estimated to late 1.0 hours to complete, including patholing, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete its form and/or suggestions for reducing into borden, about due sent 39 the CPR. 1.00 CPR.

What is claimed is:

 A method for introducing selectable amounts of temporal dispersion into a signal, the method comprising the steps of:

- a) selectively directing an electromagnetic radiation beam 5 to a predetermined optical path; and
- b) subsequently selectively directing the electromagnetic radiation beam to another predetermined optical path, constituting a subsequence selectively directed electromagnetic radiation beam;
- c) generating an angular separation of spectral components of the electromagnetic radiation beam, by the steps a) and b) in order to introduce the selectable amounts of temporal dispersion.
- amounts of temporar dispersion.

 2. The method of claim 1 further comprising the step of: 15 d) repeating step b) until a direction of propagation of the electromagnetic radiation beam is substantially parallel
- to an input direction.

 3. The method of claim 1 further comprising the step of:
 d) redirecting the selectively directed electromagnetic 20

radiation beam to a predetermined direction.

- A method for compensating angular dispersion comprising the step of:
 - selectively diffracting an output electromagnetic radiation beam originating from a switching/routing optical system:
 - rendering, after selective diffraction, a direction of propagation of the electromagnetic radiation output beam parallel to an input direction in order to compensate angular dispersion.
 - The method of claim 4 further comprising the step of: propagating an input electromagnetic radiation beam through a steering diffracting element before entering the switching/routing optical system.
 - 6. The method of claim 4 further comprising the step of: selectively diffracting at least one crosstalk induced output electromagnetic radiation beam, said at least one crosstalk induced output electromagnetic radiation beam being present in at least one nonselected channel.

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Avago Technologies

Issued Patent Proofing Form Note: P = PTO Error

A = Avago Error

File#: 10010940-01

Proofread By: Divya (12/10/2007)

US Serial No.: 10/717,414 US Patent No.: US 7,230,228 B2 Title: TUNABLE TEMPORAL DISPERSION AND COMPENSATED ANGULAR DISPERSION IN OPTICAL

Issue Dt.: Jun. 12, 2007

SWITCHING SYSTEMS

PR Instructions: Face Page Claims and Abstract

Sr.No.	P/A	Original		Issued Patent		Description of Error
		Page	Line	Column	Line	
1	P	Page 3 Claims (01/25/2007)	Claim 1 Line 6	7	9	In Claim 1, delete "subsequence" and insert subsequently, therefor.
2	P	Page 4 Claims (01/25/2007)	Claim 6 Line 3	8	18	In Claim 6, delete "out" and insert output, therefor.

	INABLE TEMPORAL DISPERSION AN PTICAL SWITCHING SYSTEMS	GULAR DISPERSION IN 05-12- 2008::16:	51:35	
Bibliographic Da	ta			
Application Number:	10/717,414	Customer Number:	57299	
Filing or 371 (c) Date	: 11-18-2003	Status:	Patented Case	
Application Type:	Utility	Status Date:	05-23-2007	
Examiner Name:	PYO, KEVIN K	Location:	ELECTRONIC	
Group Art Unit:	2878	Location Date:	-	
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Class / Subclass:	250/216	Patent Number:	7,230,228	
First Named Inventor	Thomas Stone , Hellertown, PA (US)	Issue Date of Patent:	06-12-2007	
Title of Invention:	TUNABLE TEMPORAL DI OPTICAL SWITCHING S		ENSATED ANGULAR DISPERSION IN	

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